

East Mount Zion

EPA Region 3

Pennsylvania

York County

Springettsbury Township

EPA ID# PAD980690549

19th Congressional District

Last Update:

August 2002

Other Names:

Fetrow Rubbish Dump

Current Site Status

In February 1999 the U.S. Environmental Protection Agency issued a report documenting that construction activities for the cleanup at the East Mount Zion site were completed. While the landfill cap has been completed, remaining activities include ongoing groundwater monitoring and perimeter landfill gas monitoring. In March 2000, EPA and the Commonwealth of Pennsylvania certified that the cleanup measures are operating as they should. Site maintenance is now the responsibility of the state government. In September 2001, EPA issued an order to the current site owner to implement the deed restrictions on the landfill property. These deed restrictions were implemented by the Site owner in April 2002. The first five year review for the Site will be conducted in August 2002.

Site Description

The East Mount Zion site, located in Springettsbury, York County,

Pennsylvania, is a privately owned, inactive 10-acre landfill that accepted municipal and industrial wastes, including electroplating sludges, from 1955 to 1972. The Pennsylvania Department of Environmental Protection (PADEP) attempted to close the dump during the 1960s and early 1970s. After extensive legal action, the site was closed in 1972. Final closing activities, including a soil cover, were completed in 1976; however, groundwater at the site had become contaminated with volatile organic compounds (VOCs), the chemical components of solvents and degreasers, from the landfill.

Site Responsibility


This site is being addressed through Federal, State actions.

NPL Listing History

Our country's most serious, uncontrolled, or abandoned hazardous waste sites can be cleaned using federal money. To be eligible for federal cleanup money, a site must be put on the National Priorities List. This site was proposed to the list on September 8, 1983 and formally added to the list September 21, 1984.

Threats and Contaminants

The groundwater is contaminated with VOCs, the chemical components of solvents and degreasers, from materials dumped at the site. Some areas of the site are also contaminated with copper and zinc. Accidental consumption of contaminated groundwater poses a risk to nearby residents. However, residential wells in the area show no signs of contamination and the majority of residents are on public water.

Contaminant descriptions and associated risk factors are available on the Agency for Toxic Substance and Disease Registry, an arm of the CDC, web site at <http://www.atsdr.cdc.gov/hazdat.html> 

Cleanup Progress

Based on studies conducted by PADEP, EPA selected a cleanup method for the site in a 1990 Record of Decision (ROD). The cleanup consists of installation and maintenance of an impermeable cap over the landfill, surface water control systems for the cap, and a fence

around the site to restrict access. Continued groundwater monitoring and deed restrictions regarding future activities at the site will ensure the effectiveness of the cleanup.

The design of the landfill cap was been completed and construction started in May 1997. The cap construction entailed the placement of the appropriate geotextile fabrics; installation of permanent settlement monuments; placement of a gas collection layer, geosynthetic clay liner, geonet-geotextile composite drainage layer, final cover soil, top soil, and vegetative cover. A fence was also constructed around the property to restrict access to the site. Following the completion of the landfill cap construction, disturbed areas outside the landfill property were re-landscaped.

On February 4, 1999, EPA issued a Preliminary Construction Completion Report documenting that construction activities were completed at the site. Remaining activities include ongoing groundwater monitoring and perimeter landfill gas monitoring. On March 6, 2000, EPA and the Commonwealth of Pennsylvania certified the cap, the groundwater and gas monitoring are working properly, thereby, transferring future site maintenance to the state government. In September 2001, EPA issued an order to the current site owner to implement the deed restrictions on the landfill property. These deed restrictions were implemented by the Site owner in April 2002. The first five year review for the Site will be completed in August 2002.

Contacts

Remedial Project Manager

John Banks

215-814-3214

banks.john-d@epa.gov

Community Involvement Coordinator

William Hudson

215-814-5532

hudson.william@epa.gov

Governmental Liaison

Michael D'Andrea

215-814-5615

dandrea.michael@epa.gov

Detailed public files (Administrative Record) on EPA's actions and decisions for this site can be examined at the following locations:

Springettsbury Township Building
1501 Mount Zion Road
York, PA 17402

U.S. EPA Region III
6th Floor Docket Room
1650 Arch Street
Philadelphia, PA 19103
215-814-3157

Please call for an appointment.